ABSTRACT

A Viterbi decoder 102-1 decodes a channel signal having a smallest frame length of channel signals multiplexed, and a CRC calculator 103-1 provides CRC determination to said decoding result. A weighting factor calculator 104 outputs a weighting factor having a large value to a path metric in a time zone where the CRC determination result of CRC calculator 103-1 is "OK", and a weighting factor having a small value to the path metric in a time zone where the CRC determination result of CRC calculator 103-1 is "NG." Viterbi decoders 102-1 to 102-n multiply branch metrics by said weighting factor when providing Viterbi decoding to the other channel signals, respectively. This makes it possible to improve an error correcting capability without increasing an amount of calculations.